Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for handling microparticles (22)~~, where the microparticles (22) are used as the solid phase to~~ that bind ~~the~~ a desired component from ~~the~~ a sample,~~ such as various biomolecules, Nucleic Acid, protein, peptide, cell organelles, bacteria, cells or viruses, characterised in, that~~ comprising:

(a)[[-]] at least two treatment steps of the microparticles (22), wherein the at least two treatment steps ~~or magnetic particles, such as ferromagnetic, paramagnetic or superparamagnetic particles~~ are performed in ~~the same~~a vessel (26) without moving the microparticles to another vessel, and wherein the microparticles (22) are magnetic particles selected from the group consisting of: ferromagnetic particles, paramagnetic particles, and superparamagnetic particles; and

(b)[[-]] ~~which~~ the at least two treatment steps ~~are~~ comprise at least one change of solutions (23) and at least one mixing,

wherein the desired component is a biomolecule selected from the group consisting of: a nucleic acid, a protein, a peptide, a cell organelle, a bacterium, a cell, and a virus.

2. (Currently Amended) The method of ~~A method according to~~ claim 1, ~~characterised in, that~~wherein:

(a) the [[-]]microparticles (22)~~, such as magnetic particles~~ are treated by a magnetic tool (10) equipped with an elastomer shield (21)~~;~~;

(b)[[-]] in the vessel (26), the microparticles (22) are collected and bound on the elastomer shield (21) of the magnetic tool (10) during the change of solutions (23)~~;~~; and

(c)[[-]] the microparticles (22) are mixed in the vessel (26) by ~~means of a tool, such as~~ the magnetic tool (10), ~~so that~~wherein the elastomer ~~protective membrane~~shield (21) of the magnetic tool (10) is moved in ~~the~~ a solution (23).

3. (Currently Amended) The method of ~~A method according to~~ claim 1, ~~characterised in, that~~wherein:

(a)[[-]] during the change of solutions (23), the microparticles (22) are bound to the inner surface of the vessel (26) by ~~means of~~ an external magnet (13);~~,~~

(b)[[-]] the microparticles (22) are ~~homogenised~~ homogenized from the inner surface of the vessel (26) to ~~the~~ a solution (23) by ~~means of~~ a magnet (13) of ~~the~~ a magnetic tool (10), wherein the magnetic tool is equipped with an elastomer or a non-elastomer shield (21) or coating;~~,~~ and

(c)[[-]] the microparticles (22) are transferred out ~~from~~ of the vessel (26) to another vessel (26) by ~~means of~~ the magnetic tool (10).

4. (Currently Amended) The method of ~~A method according to~~ claim 1, ~~characterised in, that~~wherein:

(a)[[-]] the microparticles (22) are bound on ~~the~~ a surface of an elastomer or a non-elastomer shield (21)~~a shield (21)~~ of a magnetic tool (10)~~equipped with an elastomer or a non-elastomer shield (21)~~, or

~~-~~the microparticles (22) are bound on the inner surface of ~~a~~ the vessel (26) by ~~means of~~ an external magnet (13) during ~~the~~ a whole procedure~~,~~; and

(b)[[-]] ~~and the~~ washing solutions (23) are changed in the ~~same~~ vessel (26) or in separate vessels.

5. (Currently Amended) The method of ~~A method according to~~ claim 1, ~~characterised in, that~~wherein in the vessel (26), the solution or the solution~~, which~~ that contains ~~magnetic particles or other~~the microparticles (22) is mixed by ~~means of~~ a magnetic tool (10).

~~such as magnetic tool (10) so that in the solution (23)~~ wherein ~~the~~ an elastomeric membrane or bellows covering the magnetic tool is being stretched and released in the solution (23).

6. (Currently Amended) The method of~~A method according to~~ claim 1, ~~characterised in, that~~wherein:

(a)[[-]] the vessel (26) is closed while mixing the solution (23); and ~~,~~

(b)[[-]] in the vessel (26), the solution (23) or the solution~~, which~~ that contains ~~magnetic particles or other~~the microparticles (22) is mixed by ~~means of~~ a magnetic tool~~, such as magnetic tool~~ (10), ~~so that in the solution~~wherein ~~the~~ an elastomer membrane or bellows covering the magnetic tool ~~the~~ is being stretched and released in the solution (23).

7. (Currently Amended) The method of ~~A method according to~~ claim 1, ~~characterised in, that~~wherein:

(a)[[-]] in ~~the~~ a solution (23), the microparticles (22) are bound on the inner surface of the vessel (26) by ~~means of~~ an external magnet (13)~~;~~

(b)[[-]] the microparticles (22) are ~~homogenised~~ homogenized ~~to~~ in the solution (23) ~~so that they are~~and mixed by ~~means of~~ a magnetic tool by stretching and releasing elastomer membrane or bellows covering the magnetic tool~~;~~

(c)[[-]] ~~the~~ washing solutions (23) are changed in the ~~same~~ vessel (26) or in separate vessels (26); and~~,~~

(d)[[-]] the microparticles (22) are transferred out ~~from~~ of the vessel (26) to another vessel by ~~means of~~ the magnetic tool (10).

8. (Currently Amended) The method of ~~A method according to~~ claim 1, ~~characterised in, that~~wherein:

(a)[[-]] in ~~the~~ a solution (23) the microparticles (22) are collected on the inner surface of the vessel (26) by ~~means of~~ an external magnet (13) having a ferromagnetic sleeve (12); and~~,~~

(b)[[-]] the microparticles (22) are bound on the inner surface of the vessel (26) during the change of solutions (23).

9. (Currently Amended) The method of ~~A method according to~~ claim 1, ~~characterised in, that~~wherein:

(a)[[-]] the microparticles (22) are collected on the inner surface of the vessel (26) by ~~means of~~ an external magnet (13) having a ferromagnetic sleeve (12)~~;~~;

(b)[[-]] the microparticles (22) are bound on the inner surface of the vessel (26) during the change of solutions (23)~~;~~;

(c)[[-]] the vessel (26) is closed by ~~means of~~ a protective membrane made of elastomeric material~~;~~;

(d) the microparticles (22) are ~~homogenised~~ homogenized ~~to~~ in ~~the~~ a solution (23) and ~~so that they are~~ mixed by ~~means of~~ an elastomer membrane, a magnetic tool (10) or a pipette; and~~.~~

(e)[[-]] the microparticles (22) are transferred out ~~from~~ of the vessel (26) by ~~means of~~ the magnetic tool (10).

10. (Currently Amended) The method of ~~A method according to~~ claim 1, ~~characterised in, that~~wherein:

(a)[[-]] the microparticles (22) are collected on a filter (77) on the bottom of the vessel (26)~~,~~ ~~so that~~wherein at least a part of ~~the~~ a solution (23) is removed through the filter~~;~~;

(b)[[-]] the solution (23) is conducted through the filter (77) and the microparticles (22) on the filter~~;~~;

(c)[[-]] the microparticles (22) are collected on ~~the~~ a shield (21) of ~~the~~ a magnetic tool (10) and transferred out ~~from~~ of the vessel (26).

11-21. (Cancelled)